

Title (en)

Blowing lances suspension with integrated material supply

Title (de)

Blaslanzenaufhängung mit integrierter Medienversorgung

Title (fr)

Suspension de lances soufflante avec une alimentation en matières intégrée

Publication

EP 0552440 B1 19971001 (DE)

Application

EP 92119975 A 19921121

Priority

LU 88057 A 19920124

Abstract (en)

[origin: CA2086702A1] BLOWING LANCE SUSPENSION WITH INTEGRATED MEDIUM SUPPLY The invention relates to a blowing lance suspension with integrated medium supply. A U-shaped medium collector box (16) having a horizontal top plate (28) as carrier arm and a first connection surface is provided on the lance carriage (12). The medium connection pipes (22, 24, 26) lead into this first connection surface. A lance carrier plate (36) is provided, at right angles to the longitudinal axis of the lance, on the top part of the lance (10). The underside of the lance carrier plate (36) forms a second connection surface into which the medium distributor pipes of the lance (10) lead fittingly. After the lance (10) has been laid down on the carrier arm of the lance carriage the lance carrier plate (36) is carried by the horizontal top plate (28), so that between the first and second connection surfaces the connection of the medium pipes is made through the action of gravity. (Figure 3)

IPC 1-7

C21C 5/46

IPC 8 full level

C21C 5/46 (2006.01); **C21C 7/072** (2006.01); **F27B 3/10** (2006.01); **F27D 3/16** (2006.01)

CPC (source: EP KR US)

C21C 5/4606 (2013.01 - KR); **C21C 5/462** (2013.01 - EP US); **C21C 7/072** (2013.01 - KR); **F27D 2003/169** (2013.01 - KR)

Cited by

AU714387B2; US6086818A; WO9808983A1

Designated contracting state (EPC)

AT BE DE FR GB IT NL SE

DOCDB simple family (publication)

EP 0552440 A2 19930728; EP 0552440 A3 19940105; EP 0552440 B1 19971001; AT E158820 T1 19971015; AU 3014892 A 19930729; AU 650378 B2 19940616; BR 9300085 A 19930727; CA 2086702 A1 19930725; CA 2086702 C 20031230; CN 1033918 C 19970129; CN 1074943 A 19930804; CZ 284582 B6 19990113; CZ 391192 A3 19930811; DE 59208947 D1 19971106; JP H05345909 A 19931227; KR 100219380 B1 19990901; KR 930016549 A 19930826; LU 88057 A1 19930817; SK 391192 A3 19960605; TW 223662 B 19940511; US 5301928 A 19940412; ZA 929692 B 19930609

DOCDB simple family (application)

EP 92119975 A 19921121; AT 92119975 T 19921121; AU 3014892 A 19921215; BR 9300085 A 19930114; CA 2086702 A 19930105; CN 93100315 A 19930109; CS 391192 A 19921228; DE 59208947 T 19921121; JP 2343493 A 19930120; KR 930000189 A 19930108; LU 88057 A 19920124; SK 391192 A 19921228; TW 81109732 A 19921204; US 489693 A 19930119; ZA 929692 A 19921214